

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20060208998").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/15 17:22
S2	7	((("200272208") or ("2002072208")).PN. or (10/333591).APP.	JPO; DERWENT	OR	OFF	2009/02/26 12:11
S3	604281	((lcd or liquid crystal) with (display or monitor or screen))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/26 12:28
S4	11922	S3 and phosphor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/26 12:29
S5	6476	S4 and tubes	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/26 12:29
S6	295	S5 and multicolor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/26 12:29
S7	37	S6 and (current same luminance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/26 12:30
S8	189	S3 and (color mis \$1registrat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/26 12:41

S9	2	S8 and phosphor and tube and multicolor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/26 12:42
S10	164	S6 and ("345"/\$.ccls. or "313"/\$.ccls. or "362"/\$.ccls. or "315"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/26 15:09
S11	29	S10 and (current same tube)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/26 15:11
S12	4008	S3 and ((ort or tube) with backlight\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/26 15:16
S13	47	S12 and ((three or several or multi\$3) near2 phosphor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/26 16:01
S14	218	S12 and ((step or gradual) with current)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/26 16:23
S15	214	S12 and ((step) with current)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/26 16:23
S16	1	S12 and (((step) with current) same (rise or fall) time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/26 16:24

S17	26084	S3 and ((step) with current)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/26 16:24
S18	10	S3 and (((step) with current) same (rise or fall) time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/26 16:25
S19	1	(luminance factor area). clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/26 16:30
S20	10	(crt or cathod ray or fluorescen\$2 tube) and (((step) with current) same (rise or fall) time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/26 16:32
S21	163	345/102.cats. and phosphor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/26 16:56
S22	13	345/102.cats. and (display with luminance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/27 09:06
S23	604281	((lod or liquid crystal) with (display or monitor or screen))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/27 09:18
S24	4008	S23 and ((crt or tube) with backlight\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/27 09:18

S25	44	S24 and (phosphor with luminance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/27 09:18
S26	2	S24 and (phosphor with persistence time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/27 09:18
S27	3	S24 and (phosphor with ((rise or fall) time))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/27 09:18
S28	4	("20020067332"   "5844540"   "6693619"   "6980225").PN. OR ("7106294").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 09:22
S29	0	S24 and (phosphor with persistence response)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/27 09:32
S30	2	S24 and (phosphor with persisten\$2 response)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/27 09:32
S31	28	S23 and (phosphor with (persisten\$2 (response or time)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/27 09:35
S32	8	S23 and (phosphor with short\$1persisten\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/27 09:39
S33	1	("20030142118").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/27 09:57

S34	71	( "20010011308"   "20010048764"   "20020021308"   "20020151283"   "20030016248"   "20050041046"   "20050132286"   "4428065"   "4723209"   "4751507"   "5334996"   "5341153"   "5341466"   "5533174"   "5615384"   "5638523"   "5714971"   "5727159"   "5781714"   "5821913"   "5867156"   "5893127"   "5911145"   "5952994"   "5956738"   "6044385"   "6073168"   "6076109"   "6105042"   "6128661"   "6133913"   "6151609"   "6161114"   "6167441"   "6185589"   "6185625"   "6188385"   "6189020"   "6219025"   "6225973"   "6226648"   "6236390"   "6236433"   "6239783"   "6271840"   "6278448"   "6321158"   "6326970"   "6330577"   "6339426"   "6341310"   "6342890"   "6342896"   "6343377"   "6356882"   "6363395"   "6393145"   "6437793"   "6456305"   "6485862"   "6486862"   "6556217"   "6601057"   "6674436"   "6697825"   "6708309"   "6731315"   "6750875"   "6826727"   "6853980"   "6971063" ). PN. OR ("7222306"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 14:00
S35	4	("2003/0142118").URPN.	USPAT	ADJ	ON	2009/02/27 14:57
S36	2	("20030142118"   "6246185").PN. OR ("7477246").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 14:58
S37	6	("20020057247"   "20030137485"   "20030142118"   "20030178951"   "5844540"   "6636190"). PN. OR ("7417616"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 14:59

S38	1	S24 and (phosphor same afterglow)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/27 15:15
S39	1	S24 and (phosphor same after\$1glow)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/27 15:16
S40	81	S23 and (phosphor same after\$1glow)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/27 15:16
S41	1	"20020036608"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 15:22
S42	10	("20020003520"   "20020044116"   "20030142118"   "20040001054"   "20040012551"   "20040217932"   "20050134547"   "6927766"   "7027018"). PN. OR ("7224342"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 15:43
S43	10	("20030142118"   "20030151601"   "20040061708"   "20040155853"   "5272327"   "5786801"   "6396217"   "6762742"). PN. OR ("6924606"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 16:23
S44	229	(different with current) same (flourescent or crt or cathode ray or tube) same phosphor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/02 05:48
S45	1	(different with current) same (flourescent or crt or cathode ray or tube) same phosphor same ((rise or fall) near2 time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/02 05:48

S46	0	((luminance with time with "fig."))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/02 06:02
S48	567	((luminance or brightness) with time) same (flourescent or crt or cathode ray or tube) same phosphor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/02 06:04
S49	25	S48 and (rise or fall) near2 time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/02 06:04
S50	107	((luminance or brightness) with time) same (flourescent or crt or cathode ray or tube) same (phosphor with (decay or fall or persisten\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/02 06:10
S51	33	((luminance or brightness) with time) same (step\$3 with current)) and (flourescent or crt or cathode ray or tube) and phosphor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/02 06:33
S52	6	("2002/0036608").URPN.	USPAT	ADJ	ON	2009/03/02 06:47
S53	7	((luminance or brightness) with time) same (step\$3 with current)) same phosphor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/02 06:55
S54	263	(step\$3 with current) same phosphor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/02 10:46
S55	9	((step\$3 near2 (down or width)) with current) same phosphor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/02 10:47

S56	0	((ramp near2 (down or width)) with current) same phosphor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/02 10:48
S57	15	((step\$4 near2 (down or width or pulse)) with current) same phosphor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/02 10:55
S58	190	345/102.cols. and (step\$4 with current)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/02 11:04
S59	12	345/102.cols. and ((step\$4 near3 (down or width)) with current)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/02 11:05
S60	1	((cfl or fluorescen\$2)) and ((phosphor near (red or green or blue)) with (rise or fall) time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/09 16:25
S61	35	((cfl or fluorescen\$2)) and (phosphor with (rise or fall) time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/09 16:26
S62	4	"10333591"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/09 16:29
S63	4	(backlight) and (phosphor with (rise or fall) time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/09 17:12



S64	3	(afterglow) and (phosphor with (rise or fall) time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/09 17:12
S65	0	(photogen) and (phosphor with (rise or fall) time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/09 17:13
S66	90	(phosphor with (rise or fall) time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/09 17:13
S67	16	("4929058"   "4958105"   "5302966"   "5463279"). PN. OR ("6034659"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/09/09 17:30
S68	12	((decreas\$3 or short\$5) with (fall time)) same phosphor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/10 09:53
S69	28	((decreas\$3 or short\$5) with (rise time)) same phosphor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/09/10 09:56
S70	1915	(phosphor or red or green or blue) with ((ris\$3 or fall\$3 or persistence or afterglow or transient or stand\$up or decay\$3) near2 time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/17 13:15
S71	46	backlight and tube and ((phosphor or red or green or blue) with ((ris\$3 or fall\$3 or persistence or afterglow or transient or stand\$up or decay\$3) near2 time))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/17 13:19

S72	60	backlight and tube and ((phosphor or red or green or blue) with ((ris\$3 or fall\$3 or persist\$1nce or afterglow or transient or stand\$up or decay\$3) near2 time))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/17 13:24
S73	19	("4001628"   "4099090"   "4469980"   "4870484"   "5143438").PN. OR ("5260625").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/17 13:36
S74	121	("362"/\$ or "313"/\$ or "315"/\$ or "345"/\$).ccls. and ((red or green or blue) near2 phosphor) same ((ris\$3 or fall\$3 or persist\$1nce or afterglow or transient or stand\$up or decay\$3) near2 time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/17 15:43
S77	7	("3673102"   "3688144"   "3860753"   "4510414"   "4772818"   "5569977").PN. OR ("5825124").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/17 16:22
S78	360	313/467.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/05/17 16:36
S79	24	S78 and ((phosphor or red or green or blue) with ((ris\$3 or fall\$3 or persist\$1nce or afterglow or transient or stand\$up or decay\$3) near2 time))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/17 16:42
S80	1334	((lcd or liquid crystal) and ((backlight or tube) with current) and (current with step\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/21 17:45
S81	2445	345/102.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/21 17:47
S82	245	S81 and (current with step\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/21 17:48

S83	102	S81 and ((backlight or tube) same (current with step\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/21 17:48
S84	36	S81 and (current with (step\$4 near (up or down or shape)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/21 18:02
S85	8	((backlight same tube same (current with (step \$4 near (up or down or shape))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/21 18:05
S86	59	((backlight same (current with (step\$4 near (up or down or shape))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/21 18:10
S87	3	"20020067332"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/21 18:15
S88	16	("2002/0067332").URFN.	USPAT	ADJ	ON	2010/05/21 18:15
S89	47	backlight and (tube same (current with (step\$4 near (up or down or shape))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/21 18:21
S90	31	backlight and (tube same (second near current))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/21 18:45
S91	5259	((tube near2 current) with (increas\$3 or decreas\$3 or (step\$4 near (up or down or shape)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/21 18:47

S92	160	backlight and ((tube near2 current) with ((increas\$3 or decreas\$3 or (step\$4 near (up or down or shape))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/21 18:48
S93	362	phosphor same ((ris\$3 or transient or persistence or standup or decay\$3 or tail \$3) time) same (red or green or blue)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/06 20:24
S94	154	S93 and (light\$3 with tube \$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/06 20:25
S95	99	S94 and current	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/06 20:27
S96	1	((lod or liquid crystal) and (light near2 tubes) and (phosphors) and (luminance factor)).dm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/06 20:36
S97	1	((lod or liquid crystal) and (light near2 tubes) and (phosphors) and ((rise time) or (fall time))).dm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/06 20:38
S98	154	S93 and ("345"/\$ or "313"/\$ or "362"/\$).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/06 20:54
S99	15	S93 and ("345"/102 or "313"/467).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/06 20:55

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